11/28/2018

Dart Hawkesbury 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada 17ei (613) 632-5200 Fax 613 632-5246

Purchasing Receipts

Supplier Name	Metals	
Total	\$2,340.00 TW	\$2 340 00
Past Due		
Aging Days	-	
Price/Unit	\$7.50/ft	
Receive Date	11/27/2018 \$ 7.50 / ft	
Status	Stock	
Container No	\$132394	
Received Accounting Container Status Receive Price/Unit Aging Past Quantity Job No No		
Received	312	312
Due	312 11/25/2019	
Order	312	312
Equipment Order ID Qty		Total:
or art Project lo		
Description P	2024T3 Tubing 11" OD x 0.65"". Thick: MATERIAL: 2024-T3 SEAMLESS ALUMINUM TUBING SPECIFICATION; WW-1-700/3, AMS 4088 OR AMS-WW-T- 700/3 OR ASTM B210 receive ff	
PO No Supplier Item No No Terms Purchased Item Description Part Project No No	Net 30 M2024T3T1.000W.065 2024T3 Tubing 1"" OD x 0.65". Thick: MATERIAL: 2024-T3 SEAMLESS ALUMINUM TUBING SPECIFICATION WW-1-700/3, AMS-4080 OR AMS-	
Terms	Net 30	
Rel	-	
r Item No		
Supplie	VU VU	
PO No	P0041405 TVVM001-	

Plex 11/28/2018 8:37 AM dart. Tollis. Andrew



Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

PURCHASE ORDER PO041405

REPRINT

Tel (613) 632-5200

Supplier: **TWM001-VU**

TW Metals PO Box 933014

Altanta, GA 31193-3014 USA

Phone: 585 768 5600 Fax: 585 768 5601

Ship To:

1270 Aberdeen Street

Hawkesbury

ON

K6A 1K7 Canada

Phone: 613-632-5200

PO No:

PO041405

PO Date:

10/22/18 11/9/18

Due Date:

Purchase Order Revision:

Revision Date:

Ship-To Contact:

Lavoie, ChantalPhone:

clavoie@dartaero.com

Via:

Ground

Pymt Terms:

Net 30

Freight Terms: **Special Comments:**

Line Item	Job		Supplier Part No		Status	Account	Due Date	Quantity			Unit Price (USD)	Extended Price
1		M2024T3T1.000W.065		2024T3 Tubing 1" OD x 0.65" Thick : MATERIAL: 2024-T3 SEAMLESS ALUMINUM TUBING SPECIFICATION; WW-T-700/3, AMS 4088 OR AMS-WW-T-700/3 OR ASTM B210 receive ft		-	11/25/19	312 ਜ	3(2At	312 ft	\$7.50/ft AT 18/11/6	\$2,340.0

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/28/18 8:07 AM dart.lavoie.chantal

Grand Total: \$2,340.00





Packing Slip

ORDER NO.: 80970737 FROM: CHIC PAGE 1

SOLD TO:

DART AEROSPACE LTD

1270 ABERDEEN ST

CUST NUMBER: 1203820 NET WGT: 151.292 REQ.DATE: 11/09/18 EARLY

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

TERMS: F.O.B.:

CANADA

HAWKESBURY ON

SALESPERSON: MIKE ANDERSON

NET 30 DAYS SHIPPING POINT

CN K6A 1K7

CUST ORD NO.: P0041405

SHIP BY: 11/06/18
VIA: COMMON CARRIER
FREIGHT: PREPAID
RELEASE NO.:

LENGTH

12 FT ML

RECEIVING PHONE:

LINE ITEM DESCRIPTION

0001 43260 D2024-T3 1 OD X .065 WA

CLN# ORD QTY INVOICE QTY 312.000 FT

SHIPPED QTY 312.000 FT 71.436

WIDTH

PCS 26

PART#: M2024T3T1.000W.065

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

MLT:UNITED STATES MFG:UNITED STATES SLB/CL:227053

17/24 FT

0002 38420 SMLS 304/L A-312 3/8 SCH 40

CLN# ORD QTY 20.000 FT INVOICE QTY SHIPPED QTY WT 23.167 FT 23.167 FT 13.271

PCS 1

PART#: M304P0.675W.091

PART#: M304P0.675W.U91
** 1 TEST REPORTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00 PO:49383265 HT:11P046 PC: 1 CUSTOMER QTY: 23.167 UOM 1 MLT:CHINA MFG:CHINA SLB/CL:LWMK92

0003 37241 SMLS CD 304/L A269 1-1/4 X .120WA

CLN# ORD QTY INVOICE QTY SHIPPED QTY 40.000 FT 40.000 FT

57.917 WT

PCS

PART#: M304RT1.250W.125

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00

20 FT



DART AEROSPACE LTD 1270 ABERDEEN ST



Packing Slip

ORDER NO.: 80970737 FROM: CHIC PAGE 2

SOLD TO:

CUST NUMBER: 1203820 NET WGT: 151.292 REQ.DATE: 11/09/18 EARLY

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKESBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

TERMS: F.O.B.:

CUST ORD NO.

MIKE ANDERSON SHIP BY: 11/06/18

NET 30 DAYS VIA: COMMON CARRIER
SHIPPING POINT FREIGHT: PREPAID
PO041405 RELEASE NO.:
RECEIVING PHONE:
RECEIVING PHONE: SALESPERSON: MIKE ANDERSON

PO:49385117 HT:N\80219AS15 PC: 2 CUSTOMER QTY: 40.000 UOM FT MLT:CHINA MFG:CHINA SLB/CL:-

12 FT ML

0004 41723 D6061-T6 5/16 OD X .058 WA

PCS

CLN# ORD QTY 108.000 FT INVOICE QTY SHIPPED QTY WT 108.000 FT 108.000 FT 5.897

9

PART#: M6061T6T0.3125W.058 ** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

12 FT ML

0005 42588 D6061-T6 5/8 OD X .125 WA

MLT:UNITED STATES MFG:UNITED STATES

CLN# ORD QTY INVOICE QTY 12.000 FT

SHIPPED QTY 12.000 FT

2.771

PCS 7

PART#: M6061T6TU.625W.125
** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

----- PACK INFO --------

BROKERS KUEHNE AND NAGEL LTD

YRC REDDICRATE

AREA TYPE OF PKG PKGS GRS WEIGHT WIDTH LENGTH HGHT YRC REDDICRATE 1.000 121.000 8.0000 150.0000 8

CUBIC FT 5.5556

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE THANK YOU FOR THIS ORDER PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL REVIEW.

http://www.twmetals.com/invoice-terms.html



DART AEROSPACE LTD

1270 ABERDEEN ST



Packing Slip

CUST NUMBER: 1203820 NET WGT:

ORDER NO.: 80970737 FROM: CHIC PAGE 3

SOLD TO:

151.292 REQ.DATE: 11/09/18 EARLY

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

SALESPERSON: TERMS:

F.O.B.:

HAWKESBURY ON

MIKE ANDERSON

CN K6A 1K7

NET 30 DAYS SHIPPING POINT

CUST ORD NO.: PO041405

SHIP BY: VIA:

11/06/18

PREPAID

COMMON CARRIER

FREIGHT:

RELEASE NO.:

RECEIVING PHONE:

LINE ITEM DESCRIPTION

CANADA

YRC REDDICRATE

1.000

WIDTH LENGTH 129.000 4.0000 284.0000 4

CUBIC FT 2.6296

2.000 250.000

BY: RR RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED

DATE FILLED





Packing Slip

ORDER NO.: 80970737

FROM: CHIC

PAGE 4

CUST NUMBER: 1203820 NET WGT:

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7

MIKE ANDERSON

SHIPPING POINT

COMMON CARRIER

NET 30 DAYS

PO041405

PREPAID

SALESPERSON: TERMS:

F.O.B.:

CUST ORD NO .:

VIA:

FREIGHT:

RELEASE NO.:

RECEIVING PHONE:

151.292 REQ.DATE: 11/09/18 EARLY

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON ONTARIO CANADA

CN K6A 1K7

SHIP BY:

235 TUBEWAY

CAROL STREAM

11/06/18

IL 60188

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing Buth Rogers Date: 11/19/18

Authorized Test Report Clerk

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER. AZ 85226

XAISER ORDER NUMBER: LINE ITEM: SHIP DATE: KAISER LOT NUMBER: ALLOY: TEMPER:	CUSTOMER PO NUMBER: CUSTOMER PART NUMBER: 43260				PRODUCT DESCRIPTION:					
KAISER ORDER NUMBER: LINE ITEM: SHIP DATE: KAISER LOT NUMBER: ALLOY: TEMPER: 227053 001 09/28/2018 F00281947 2024 T3 WEIGHT SHIPPED: QUANTITY: B/L NUMBER: DIAM/DAF/THKNS: WIDTH: 12.000 FT 379.000 LB 138.000 PCS 231219 SOLD TO: TW METALS INC 760 CONSTITUTION DRIVE SUITE 204					Drawn Seamless Tube/Pipe					
227053		LINE ITEM:		SHIP DATE:	KAISER LOT NUMBER:	ALLOY:				
WEIGHT SHIPPED: QUANTITY: B/L NUMBER: DIAM/DAF/THKNS: WIDTH: 12.000 FT 12.00	227053	001		09/28/2018	F00281947		10			
379.000 LB 138.000 PCS 231219	VEIGHT SHIPPED: QUANTITY: B/L NUMBER:				DIAM/DAF/THKNS:	WIDTH:	LENGTH:			
TW METALS INC TW METALS INC 760 CONSTITUTION DRIVE SUITE 204						12.000 FT				
TW METALS INC 235 WEST TUBEWAY DRIVE SUITE 204					SOLD TO:					
CAROL STREAM, IL 60188 USA EXTON, PA 19341 USA	235 WEST TUBEW	'AY DRIVE L 60188 U	SA		760 CONSTITUT SUITE 204	ION DRIVE				

Actual Physical Properties

DEFERENCE	DASH# .	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND	
F00281947		> 0001	71.4	50.0	24.5	N/A	N/A	N/A	

Chemical Composition (wt%), Aluminum Remainder

											-	77	III - 4-
TIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
			_		1 00	0.10	0.25	0 15	NA	NA	NA	0.05	0.15
Maximum	0.50	0.50	4.90	0.90	1.80	0.10	0.23	0.10	NA	NA			0.00
Minimum	0.00	0.00	3.80	0.30	1.20	0.00	0.00	0.00	00.		01	01	.02
.D32229	.13	.19	4.55	77	1.36	.01	.14	.03	.00	.00	. 01	. 0 1	

Applicable Requirements:

Description: OD: 1.0000"; Wall: 0.0650"; Round @ AMS4088K AMS-WW-T-700/3A ASTM B210-12
This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005
No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
TRADE AGREEMENTS).

Plant Serial: 00029646 Kaiser Order Number: 227053

Line Item: 001





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager

TW METALS

Plant Serial: 00029646 Kaiser Order Number: 227053

Line Item: 001

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL 2024-T3 SEAMLESS ALUMINUM TUBING

SPECIFICATION:

WW-T-700/3, AMS 4088 OR AMS-WW-T-700/9 OR ASTM B210

PART NUMBER:

M2024T3T D.DDDD W TTT DIA. WALL

WHERE "D.DDD" = DIAMETER IN INCHES & ".TTT" = WALL THICKNESS IN INCHES

EG. 5/8" TUBING WITH 0.049" WALL = M2024T3T0.625W.049

TELEASED 2018 MAY 17 of ECN 18-510

×	NEW ISS	NEW ISSUE; REF. CAR18-219	18-219	RF	18.01.16
REV.			DESCRIPTION	ВУ	DATE
DESIGN	Z	H.	DART AEROSPACE LTD	ACE LI	0
DRAWN	z	#	HAWKESBURY, ONTARIO, CANADA	O, CANAL	A
CHECKED	(ED	NS.	DRAWING NO.		REV. A
MFG. APPR.	PPR.	00	M2024T3T		SHEET 1 OF 1
APPROVED	VED	E	TITLE		SCALE
DE APPR.	SH2	CP 40	CP 47 2024-T3 TUBING		NTS
DATE	18.01.16	1.16	COPYRIGHT © 2016 BY DART AEROSPACE LTD	EROSPACE LTD	LTD CHACTAL TALLET

ØD.DDD

U

0

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MONTO			051 -1-06 S	7	PO / BATCH	100:: <u>P00414</u>	os/5/32394
MATERIAL CERT REC'D: 1/25 QUANTITY RECEIVED: 312 Str QUANTITY INSPECTED: 312 Str QUANTITY REJECTED: 0				THICK	KNESS RECE	IVED: /.000" ERED:	
DESCRIPTION	NC (Che	eck			COMMEN	NTS	
SURFACE DAMAGE	Y	(N)					
CORRECT FINISH	Y	N					
CORROSION	Y	N					
CORRECT GRAIN DIRECTION	Y	N					
CORRECT MATERIAL PER M-DRAWING	8	N	AMS	4088			
CORRECT THICKNESS	X	N					
PHOTO REQUIRED	Y	N		-			
CORRECT REF # TO LINK CERT	S	N	117. E	00281947	000		
CORRECT MATERIAL IDENTFICATION	M	N					
CORRECT M# ON THE MATERIAL	M	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N					
				US BOSSOS	MA LIADON	JESS CHECK	
CUT SAMPLE PIEC	E OF	MA	TERIAL A	ND PREFOR	W A HAKUN	NESS UTEUR.	
		REC		ULTS BELO HRB	T DUR A	DUR D	WEBSTER
TYPE OF MATERIAL			HRC	HKD	DONA		
SIZE OF TEST SAMPLE	ING						
HARDNESS / DUROMETER READ	UNG	toster	s located in	the Quality Of	fice		
		ester.	3 located III				

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	SIGNED OFF BY:
DATE: 18/11/28	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in